

Amendments to the Specification:

Please amend the title of the application to read:

~~--WAVEFORM EQUALIZER, MOBILE STATION WIRELESS APPARATUS
USING THE SAME, BASE STATION WIRELESS APPARATUS USING THE
SAME, AND MOBILE COMMUNICATION SYSTEM USING THE SAME HAVING
A TAP COEFFICIENT MONITORING UNIT--~~

Please replace the abstract with the following revised abstract:

--A waveform equalizer ~~in that~~ having a delay element 2 ~~of~~
~~an FF a feed-forward filter 9~~ into which a reception signal
S1 ~~is inputted~~ is connected via a tap arrangement control
switch 8 to a weighting device 3, ~~and the~~ The output of the
weight device 3 ~~is inputted~~ into an adder 4. The output of
the adder 4 ~~is entered~~ into a discriminator 5 to become an
equalization output S2. The equalization output S2 is
entered into a delay element 7 ~~of an FB a feed-back filter~~
10. The delay element 7 ~~is connected~~ via the tap
arrangement control switch 8 to the weighting device 3, ~~and~~
~~the output of the weighting device 3 is entered into the~~
adder 4. The tap arrangement control switch 8 ON/OFF-
controls the tap arrangement. The tap coefficient
monitoring unit 11 monitors the ~~respective~~ tap coefficients
of the weighting device 3. When the equalization operation
cannot be carried out ~~under initially set tap arrangement,~~
~~the equalization operation,~~ it is restarted from the

beginning of the reception signal. An impulse response predictor~~12~~ predicts an impulse response of a transfer path based upon the reception signal~~S1~~ and the equalization output~~S2~~. --

Attachment: Replacement sheet (clean copy of abstract)